

Unit 5

Day 2

Factoring Using Integers - Part 2

MORE CHALLENGING FACTOR BY GROUPING

1) $p^3 - 4q^2 + p^2 - 8q^3 =$

MORE CHALLENGING DIFFERENCE OF SQUARES

1)

$$(3x-1)^2 - 49 =$$

2)

$$(a+2)^2 - (2b+4)^2 =$$

$$[(a+2) + (2b+4)][(a+2) - (2b+4)]$$

$$(a+2b+6)(a-2b-2)$$

TRIAL AND ERROR?? NOT REALLY.

$$x^2 + 11x - 60 =$$

FACTOR BY GROUPING

1)

$$6a^2 - 23ab + 21b^2 =$$

2)

$$\begin{array}{r} \underline{-360} \quad 24y^2 - 31y - 15 = \\ 1 \quad 360 \\ 6 \quad 60 \end{array} \quad \begin{array}{c} \text{9x} \\ \text{---} \\ -40x \\ \text{---} \\ (3y - 5)(8y + 3) \end{array}$$

9-40

HOMEWORK

Wksht #2 AND pg 42: 17-28